

Tumor-Associated Antigen Panel Cell Lines for Testing of Novel Immunotherapies

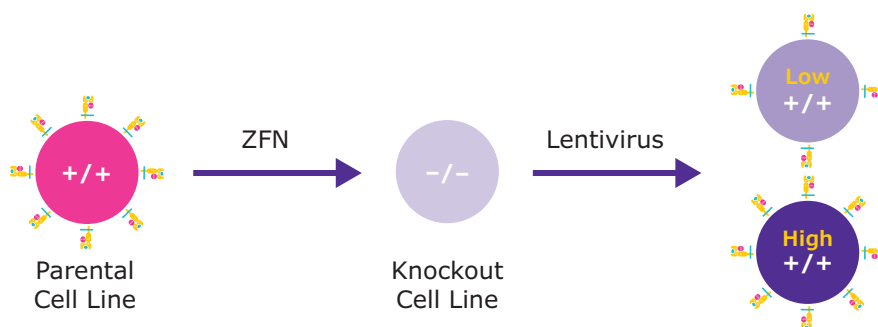
Revolutionizing Immuno-Oncology Research with Biologically-Relevant Cellular Assays

We have utilized CompoZr® zinc finger nuclease (ZFN) technology and MISSION® lentiviral technology to create functional cell-based potency assays that express individual tumor antigens at multiple levels in biologically-relevant cell lines. These cell lines can be used throughout the entire drug discovery process and would be ideal cell-based assays for CAR/TCR therapeutic screening, checkpoint inhibitor development, or target cell lines for potency assays in clinical development.

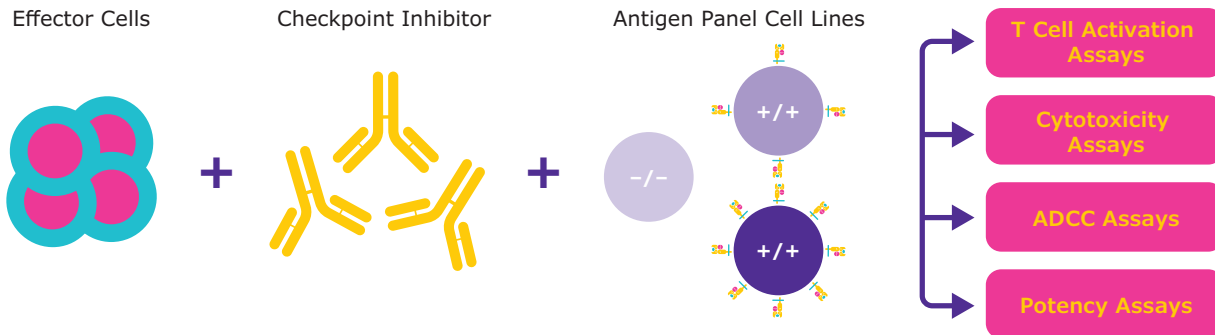
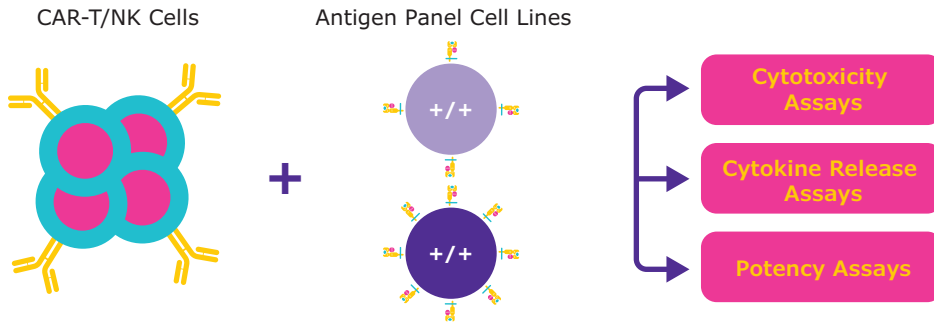


Tumor Associated Antigen Panel Cell Lines

- Three gene-edited cell lines that express individual tumor antigens at KO, low, and high levels
- KO cell line generation generated with ZFN technology to enable clear IP/licensing path for potential use in clinical development
- Stable antigen expression at low/high levels generated using lentiviral technology
- Customized tumor antigen/cell line combination is available through Cell Design Studio® Services



Tumor Associated Antigen Panel Cell Lines



Order Information

Cat. No.	Product Name
ATG001-1KT	Raji CD19
ATG002-1KT	A549 EGFR
ATG004-1KT	A375 NY-ESO-1
A549 EGFRvIII	*A549 EGFRvIII

*A549 EGFRvIII have KO and high expressing tumor antigens only

For more information visit:

[SigmaAldrich.com/ImmunoOncology](https://sigmaaldrich.com/ImmunoOncology)

[SigmaAldrich.com/CellDesignStudio](https://sigmaaldrich.com/CellDesignStudio)

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